

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 September 2002 (19.09.2002)

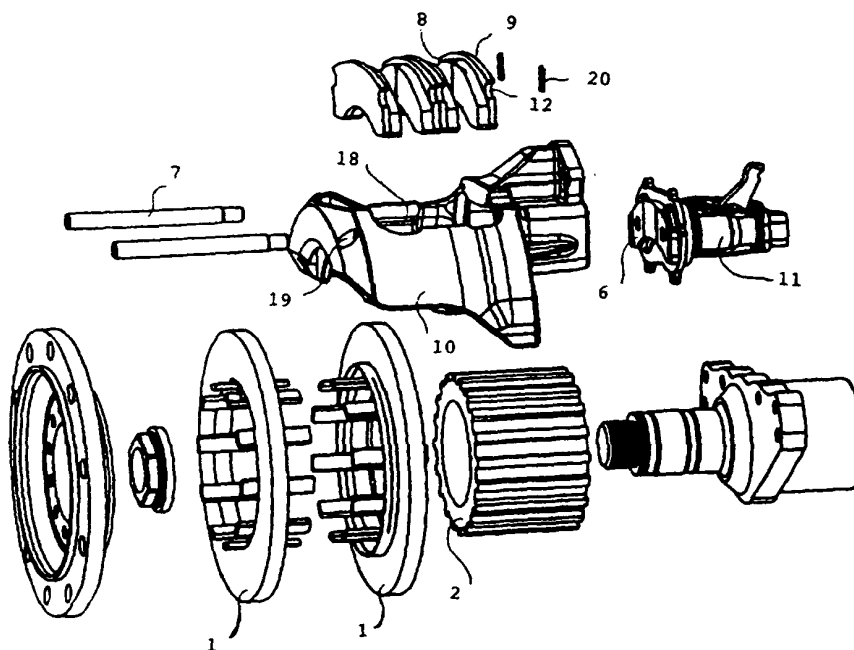
PCT

(10) International Publication Number
WO 02/073061 A1

- (51) International Patent Classification⁷: **F16D 65/12**, 65/36 (74) Agent: **STRÖM & GULLIKSSON IPC AB**; P.O. Box 4188, S-203 13 Malmö (SE).
- (21) International Application Number: PCT/SE02/00451 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 13 March 2002 (13.03.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0100841-6 13 March 2001 (13.03.2001) SE
- (71) Applicant (*for all designated States except US*): **HALDEX BRAKE PRODUCTS AB** [SE/SE]; Box 501, S-261 24 Landskrona (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **SANDBERG, Stefan** [SE/SE]; Höljeåtan 421 Igh 49, S-234 33 Lomma (SE). **GRIPEMARK, Joakim** [SE/SE]; O.D. Krooks Gata 39, S-254 43 Helsingborg (SE).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: **HALDEX BRAKE PRODUCTS AB**



(57) Abstract: The present invention concerns a connection between at least one brake disc (1) and a hub (2) or the like of a brake. The brake disc(s) (1) is received slidable and non-rotatable on the hub (2). Each brake disc (1) is furnished with plates (3) on an inner periphery, which plates (3) have a length in the axial direction of the hub (2) exceeding the thickness of the brake disc (1).

WO 02/073061 A1